



**DRAFT**

Page 1 of 21  
Permit No. WA0037095

Issuance Date: \_\_\_\_\_  
Effective Date: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
WASTE DISCHARGE PERMIT NO. WA0037095**

State of Washington  
DEPARTMENT OF ECOLOGY  
Olympia, Washington 98504-8711

In compliance with the provisions of  
The State of Washington Water Pollution Control Law  
Chapter 90.48 Revised Code of Washington  
and  
The Federal Water Pollution Control Act  
(The Clean Water Act)  
Title 33 United States Code, Section 1251 et seq.

**Grays Harbor County  
Pacific Beach Wastewater Treatment Plant  
P.O. Box 511  
Montesano, Washington 98563**

Plant Location:

3194 Ocean Beach Road  
Pacific Beach, Washington

Water Body I.D. No.:

WA-21-0010

Plant Type: Activated sludge (Oxidation Ditch)

Receiving Water:

Tributary to Joe Creek (via a created wetland)

Discharge Location:

Latitude: 47° 12 '39 " N

Longitude: 124° 11 ' 20 " W

is authorized to discharge in accordance with the special and general conditions that follow.

\_\_\_\_\_  
Garin Schrieve, P.E.  
Southwest Region Manager  
Water Quality Program  
Washington State Department of Ecology

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**SUMMARY OF SCHEDULED PERMIT REPORT SUBMITTALS**

Refer to the Special and General Conditions of this permit for additional submittal requirements.

| <b>Permit Section</b> | <b>Submittal</b>                        | <b>Frequency</b> | <b>First Submittal Date</b>  |
|-----------------------|---|------------------|------------------------------|
| S3.                   | Discharge Monitoring Report             | Monthly          | <i>Reserved for Issuance</i> |
| S3.E.                 | Reporting Permit Violations             | As necessary     |                              |
| S4.B.                 | Plans for Maintaining Adequate Capacity | As necessary     |                              |
| S4.C.                 | Notification of New or Altered Sources  | As necessary     |                              |
| S4.D.                 | Inflow and Infiltration Report          | Annually         | May 15, 2009                 |
| S4.E.                 | Wasteload Assessment                    | Annually         | May 15, 2009                 |
| S5.G.                 | O&M Manual Update/Review Letter         | Annually         | May 15, 2009                 |
| S9.                   | Outfall Evaluation                      | 1/permit cycle   | <i>Reserved for Issuance</i> |
| G1.                   | Notice of Change in Authorization       | As necessary     |                              |
| G7.                   | Application for permit renewal          | 1/permit cycle   | <i>Reserved for Issuance</i> |

**SPECIAL CONDITIONS****S1. DISCHARGE LIMITATIONS****A. Effluent Limitations**

Beginning of this permit issuance and lasting through the expiration date, the Permittee is authorized to discharge municipal wastewater at the permitted location subject to the following limitations:

| <b>May Through October</b>  | <b>EFFLUENT LIMITATIONS<sup>a</sup></b>   |                       |
|---|---|-----------------------|
| <b>Parameter</b>  | <b>Average Monthly</b>  | <b>Average Weekly</b> |
| Biochemical Oxygen Demand <sup>b</sup> (5 day)  | 12 mg/L, 24 lbs/day<br>85 percent removal   | 15 mg/L, 30 lbs/day   |
| Total Suspended Solids <sup>b</sup>   | 12 mg/L, 24 lbs/day<br>85 percent removal   | 16 mg/L, 32 lbs/day   |
| Fecal Coliform Bacteria   | 200/100 mL  | 400/100 mL            |
| pH  | Daily minimum is equal to or greater than 6.0 and the daily maximum is less than or equal to 9.0. |                       |
| Total Ammonia (as NH <sub>3</sub> -N)   | 1.0 mg/L  |                       |
| Dissolved Oxygen  | N/A   | 8.0 mg/L              |
| <b>November Through April</b>   | <b>EFFLUENT LIMITATIONS<sup>a</sup></b>   |                       |
| <b>Parameter</b>  | <b>Average Monthly</b>  | <b>Average Weekly</b> |
| Biochemical Oxygen Demand <sup>c</sup> (5 day)  | 20 mg/L, 64.3 lbs/day<br>85 percent removal   | 25 mg/L, 54 lbs/day   |
| Total Suspended Solids <sup>c</sup>   | 20 mg/L, 32.1 lbs/day<br>85 percent removal   | 25 mg/L, 54 lbs/day   |
| Fecal Coliform Bacteria   | 200/100 mL  | 400/100 mL            |
| pH  | Daily minimum is equal to or greater than 6.0 and the daily maximum is less than or equal to 9.0. |                       |
| Total Ammonia (as NH <sub>3</sub> -N)   | 10 mg/L   |                       |
| Dissolved Oxygen  | n/a   | 2.0 mg/L              |
| <sup>a</sup> The average monthly and weekly effluent limitations are based on the arithmetic mean of the samples taken with the exception of fecal coliform, which is based on the geometric mean.  |   |                       |
| <sup>b</sup> (May through October) The average monthly effluent concentration for BOD5 and Total Suspended Solids shall not exceed 12 mg/L or 15 percent of the respective monthly average influent, whichever is more stringent.                   |   |                       |
| <sup>c</sup> (November through April) The average monthly effluent concentration for BOD5 and Total Suspended Solids shall not exceed 20 mg/L or 15 percent of the respective monthly average influent concentrations, whichever is more stringent. |   |                       |

**B. Outfall Description**

The discharge from the facility, after UV disinfection, is sent to the created wetland (previous 3.4 acre wastewater treatment lagoon) and then, after post aeration, to the existing natural wetland formed by an unnamed tributary of Joe Creek. This natural wetland is dependent on flows from the Pacific Beach facility during low summer flows and will provide additional reduction in BOD<sub>5</sub> and fecal coliforms.

**S2. MONITORING REQUIREMENTS****A. Monitoring Schedule**

| Category            | Parameter        | Units              | Sample Point       | Minimum Sampling Frequency | Sample Type       |
|---------------------|------------------|--------------------|--------------------|----------------------------|-------------------|
| Wastewater Influent | BOD <sub>5</sub> | mg/L<br>lbs/day    | Grit Chamber       | 2/week                     | 24-hour Composite |
| Wastewater Influent | TSS              | mg/L<br>lbs/day    | Grit Chamber       | 2/week                     | 24-hour Composite |
| Wastewater Influent | Flow             | MGD                | Parshall Flume     | Continuous                 | Measurement       |
| Wastewater Effluent | Flow             | MGD                | Parshall Flume     | Continuous                 | Measurement       |
| Wastewater Effluent | BOD <sub>5</sub> | mg/L<br>lbs/day    | UV Unit            | 2/week                     | 24-hour Composite |
| Wastewater Effluent | TSS              | mg/L<br>lbs/day    | UV Unit            | 2/week                     | 24-hour Composite |
| Wastewater Effluent | pH               | Standard Units     | UV Unit            | 5/week                     | Grab              |
| Wastewater Effluent | Fecal Coliform   | colonies/<br>100mL | UV Unit            | 2/week                     | Grab              |
| Wastewater Effluent | Ammonia as N     | mg/L               | UV Unit            | 2/week                     | Grab              |
| Wastewater Effluent | Nitrite as N     | mg/L               | UV Unit            | Quarterly <sup>a</sup>     | Grab              |
| Wastewater Effluent | Nitrate as N     | mg/L               | UV Unit            | Quarterly <sup>a</sup>     | Grab              |
| Wastewater Effluent | TKN              | mg/L               | UV Unit            | Quarterly <sup>a</sup>     | Grab              |
| Post Aeration Unit  | Dissolved Oxygen | mg/L               | Post Aeration Unit | 5/week                     | Grab              |

| Category   | Parameter | Units | Sample Point | Minimum Sampling Frequency | Sample Type |
|--|-----------|-------|--------------|----------------------------|-------------|
| <sup>a</sup> Quarterly is defined as:<br>January – March (report with March DMR)<br>April – June (report with June DMR)<br>July – September (report with September DMR)<br>October – December (report with December DMR) |           |       |              |                            |             |

B. Sampling and Analytical Procedures

Samples and measurements taken to meet the requirements of this permit shall be representative of the volume and nature of the monitored parameters, including representative sampling of any unusual discharge or discharge condition, including bypasses, upsets and maintenance-related conditions affecting effluent quality.

Sampling and analytical methods used to meet the water and wastewater monitoring requirements specified in this permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 Code of Federal Regulations (CFR) Part 136 or to the latest revision of *Standard Methods for the Examination of Water and Wastewater* (APHA), unless otherwise specified in this permit or approved in writing by the Department of Ecology (Ecology).

C. Flow Measurement

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the quantity of monitored flows. The devices shall be installed, calibrated, and maintained to ensure that the accuracy of the measurements are consistent with the accepted industry standard for that type of device. Frequency of calibration shall be in conformance with manufacturer's recommendations and at a minimum frequency of at least one calibration per year. Calibration records shall be maintained for at least three years.

D. Laboratory Accreditation

All monitoring data required by Ecology shall be prepared by a laboratory registered or accredited under the provisions of, *Accreditation of Environmental Laboratories*, Chapter 173-50 Washington Administrative Code (WAC). Flow, temperature, settleable solids, conductivity, pH, and internal process control parameters are exempt from this requirement. Conductivity and pH shall be accredited if the laboratory must otherwise be registered or accredited. Crops, soils and hazardous waste data are exempted from this requirement pending accreditation of laboratories for analysis of these media by Ecology.

**S3. REPORTING AND RECORDKEEPING REQUIREMENTS**

The Permittee must monitor and report in accordance with the following conditions. Falsification of information submitted to Ecology is a violation of the terms and conditions of this permit.

**A. Reporting**

The first monitoring period begins on the effective date of the permit. The Permittee must:

1. Submit monitoring results each month.
2. Summarize, report, and submit monitoring data obtained during each monitoring period on a Discharge Monitoring Report (DMR) form provided, or otherwise approved, by Ecology.
3. Submit DMR forms monthly whether or not the facility was discharging. If the facility did not discharge during a given monitoring period, submit the form as required with the words "NO DISCHARGE" entered in place of the monitoring results.
4. Ensure that DMR forms are postmarked or received by Ecology no later than the 15<sup>th</sup> day of the month following the completed monitoring period, unless otherwise specified in this permit.
5. Send report(s) to Ecology at:

Water Quality Permit Coordinator  
Department of Ecology  
Southwest Regional Office  
P.O. Box 47775  
Olympia, WA 98504-7775

All laboratory reports providing data for organic and metal parameters must include the following information: sampling date, sample location, date of analysis, parameter name, CAS number, analytical method/number, method detection limit (MDL), laboratory practical quantitation limit (PQL), reporting units, and concentration detected. Analytical results from samples sent to a contract laboratory must include information on the chain of custody, the analytical method, QA/QC results, and documentation of accreditation for the parameter.

**B. Records Retention**

The Permittee must retain records of all monitoring information for a minimum of three years. Such information must include all calibration and maintenance records and all original recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit. The Permittee must extend this period of retention during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by Ecology.

**C. Recording of Results**

For each measurement or sample taken, the Permittee must record the following information:



1. The date, exact place, method, and time of sampling or measurement.
2. The individual who performed the sampling or measurement.
3. The dates the analyses were performed.
4. The individual who performed the analyses.
5. The analytical techniques or methods used.
6. The results of all analyses.

D. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by Condition S2 of this permit, then the Permittee must include the results of such monitoring in the calculation and reporting of the data submitted in the Permittee's DMR.

E. Reporting Permit Violations

The Permittee must take the following actions when it violates or is unable to comply with any permit condition:

- Immediately take action to stop, contain, and cleanup unauthorized discharges or otherwise stop the noncompliance and correct the problem.
- If applicable, immediately repeat sampling and analysis. Submit the results of any repeat sampling to Ecology within 30 days of sampling.

1. Immediate Reporting

The Permittee must report any failure of the disinfection system, any collection system overflows which may reach surface waters or any plant bypass discharging to a shellfish area immediately to the Department of Ecology and the Department of Health, Shellfish Program at the numbers listed below:

|   |  |
|---|--|
| Southwest Regional Office               | 360-407-6300   |
| Department of Health, Shellfish Program | 360-236-3330<br>(business hours)<br>360-786-4183<br>(24 hours) |

2. Twenty-Four (24)-Hour Reporting

The Permittee must report the following occurrences of noncompliance by telephone, to Ecology at 360-407-6300, within 24 hours from the time the Permittee becomes aware of any of the following circumstances:

- a. Any noncompliance that may endanger health or the environment, unless previously reported under subpart 1, above.
- b. Any unanticipated **bypass** that exceeds any effluent limitation in the permit (See Part S4.B., "Bypass Procedures").
- c. Any **upset** that exceeds any effluent limitation in the permit (See G.15, "Upset").
- d. Any violation of a maximum daily or instantaneous maximum discharge limitation for any of the pollutants in Section S1.A of this permit.
- e. Any overflow prior to the treatment works, whether or not such overflow endangers health or the environment or exceeds any effluent limitation in the permit.

3. Report Within Five Days

The Permittee must also provide a written submission within five days of the time that the Permittee becomes aware of any event required to be reported under subparts 1 or 2, above. The written submission must contain:

- a. A description of the noncompliance and its cause.
- b. The period of noncompliance, including exact dates and times.
- c. The estimated time noncompliance is expected to continue if it has not been corrected.
- d. Steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- e. If the noncompliance involves an overflow prior to the treatment works, an estimate of the quantity (in gallons) of untreated overflow.

4. Waiver of Written Reports

Ecology may waive the written report required in subpart 3, above, on a case-by-case basis upon request if a timely oral report has been received.

5. All Other Permit Violation Reporting

The Permittee must report all permit violations, which do not require immediate or within 24 hours reporting, when it submits monitoring reports for S3.A ("Reporting"). The reports must contain the information listed in paragraph E.3, above. Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply.

6. Report Submittal

The Permittee must submit reports to the address listed in S3.

**F. Other Reporting**

The Permittee must report a spill of oil or hazardous materials in accordance with the requirements of Revised Code of Washington (RCW) 90.56.280 and chapter 173-303-145. You can obtain further instructions at the following website:

<http://www.ecy.wa.gov/programs/spills/other/reportaspill.htm>.

Where the Permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to Ecology, it must submit such facts or information promptly.

The Permittee must submit a new application or supplement at least 180 days prior to commencement of discharges, resulting from the activities listed below, which may result in permit violations. These activities include: any facility expansions, production increases, or other planned changes, such as process modifications, in the permitted facility.

**G. Maintaining a Copy of This Permit**

The Permittee must keep a copy of this permit at the facility and make it available upon request to Ecology inspectors.

**S4. FACILITY LOADING****A. Design Criteria for New Facility**

Flows or waste loadings of the following design criteria for the permitted treatment facility shall not be exceeded:

|  |             |
|--|-------------|
| Average flow for the maximum month         | 0.257 MGD   |
| Peak daily flow                            | 0.700 MGD   |
| BOD <sub>5</sub> loading for maximum month | 454 lbs/day |
| TSS loading for maximum month              | 478 lbs/day |

**B. Plans for Maintaining Adequate Capacity**

When the actual flow or wasteload reaches 85 percent of any one of the design criteria in S4.A for three consecutive months, or when the projected increases would reach design capacity within five years, whichever occurs first, the Permittee shall submit to Ecology, a plan and a schedule for continuing to maintain capacity at the facility sufficient to achieve the effluent limitations and other conditions of this permit. This plan shall address any of the following actions or any others necessary to meet this objective.

1. Analysis of the present design including the introduction of any process modifications that would establish the ability of the existing facility to achieve the effluent limits and other requirements of this permit at specific levels in excess of the existing design criteria specified in paragraph A above.
2. Reduction or elimination of excessive infiltration and inflow of uncontaminated ground and surface water into the sewer system.

3. Limitation on future sewer extensions or connections or additional wasteloads.
4. Modification or expansion of facilities necessary to accommodate increased flow or wasteload.
5. Reduction of industrial or commercial flows or waste loads to allow for increasing sanitary flow or wasteload.

Engineering documents associated with the plan must meet the requirements of WAC 173-240-060, "Engineering Report," and be approved by Ecology prior to any construction. The plan shall specify any contracts, ordinances, methods for financing, or other arrangements necessary to achieve this objective.

C. Notification of New or Altered Sources

The Permittee shall submit written notice to Ecology whenever any new discharge or increase in volume or change in character of an existing discharge into the sewer is proposed which: (1) would interfere with the operation of, or exceed the design capacity of, any portion of the collection or treatment system; (2) is not part of an approved general sewer plan or approved plans and specifications; or would be subject to pretreatment standards under 40 CFR Part 403 and Section 307(b) of the Clean Water Act. This notice shall include an evaluation of the system's ability to adequately transport and treat the added flow and/or wasteload.

D. Infiltration and Inflow Evaluation

1. The Permittee shall conduct an infiltration and inflow evaluation to determine the success of the I/I Reduction Program required through the Facility Plan approval process. Plant and collection system monitoring records may be used to assess measurable infiltration and inflow reduction.
2. A report shall be prepared which summarizes infiltration and inflow reduction compared to peak influent flows to the WWTP prior to 1993 (as reported in the Approved Facility Plan Amendment). If infiltration and inflow have increased from what was reported in the approved Amendment based on equivalent rainfall, the report shall contain a plan and a schedule for: (1) locating additional sources of infiltration and inflow; and (2) correcting the problem.
3. The report shall be submitted by **May 15, 2009**, and **annually** thereafter.

E. Wasteload Assessment

The Permittee shall conduct an annual assessment of their flow and waste load and submit a report to Ecology by **May 15, 2009**, and **annually** thereafter. The report shall contain the following: an indication of compliance or noncompliance with the permit effluent limitations; a comparison between the existing and design monthly average dry weather and wet weather flows, peak flows, BOD, and total suspended solids loadings; and (except for the first report) the percentage increase in these parameters since the last annual report. The report shall also state the present and design population or population equivalent, projected population growth rate, and the estimated date upon which the design capacity is projected to be reached, according to the most restrictive of the parameters above. The interval for review and reporting may be modified if Ecology determines that a different frequency is sufficient.

**S5. OPERATION AND MAINTENANCE**

The Permittee shall at all times be responsible for the proper operation and maintenance of any facilities or systems of control installed to achieve compliance with the terms and conditions of the permit.

A. Certified Operator

An operator certified for at least a Class II plant by the state of Washington shall be in responsible charge of the day-to-day operation of the wastewater treatment plant. An operator certified for at least a Class I plant shall be in charge during all regularly scheduled shifts.

B. O & M Program

The Permittee shall institute an adequate operation and maintenance program for their entire sewage system. Maintenance records shall be maintained on all major electrical and mechanical components of the treatment plant, as well as the sewage system and pumping stations. Such records shall clearly specify the frequency and type of maintenance recommended by the manufacturer and shall show the frequency and type of maintenance performed. These maintenance records shall be available for inspection at all times.

C. Short-Term Reduction

If a Permittee contemplates a reduction in the level of treatment that would cause a violation of permit discharge limitations on a short-term basis for any reason, and such reduction cannot be avoided, the Permittee shall give written notification to Ecology, if possible, 30 days prior to such activities, detailing the reasons for, length of time of, and the potential effects of the reduced level of treatment. This notification does not relieve the Permittee of their obligations under this permit.

D. Electrical Power Failure

The Permittee is responsible for maintaining adequate safeguards to prevent the discharge of untreated wastes or wastes not treated in accordance with the requirements of this permit during electrical power failure at the treatment plant and/or sewage lift stations either by means of alternate power sources, standby generator, or retention of inadequately treated wastes. The Permittee shall maintain Reliability Class I (EPA 430-99-74-001) at the wastewater treatment plant, which requires that all treatment units be in operation during a power outage.

E. Prevent Connection of Inflow

The Permittee shall strictly enforce their sewer ordinances and not allow the connection of inflow (roof drains, foundation drains, etc.) to the sanitary sewer system.

F. Bypass Procedures

The Permittee shall immediately notify Ecology of any spill, overflow, or bypass from any portion of the collection or treatment system.

The bypass of wastes from any portion of the treatment system is prohibited unless one of the following conditions (1, 2, or 3) applies:

1. Unavoidable Bypass -- Bypass is unavoidable to prevent loss of life, personal injury, or severe property damage. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass.

If the resulting bypass from any portion of the treatment system results in noncompliance with this permit the Permittee shall notify Ecology in accordance with condition S3.E "Noncompliance Notification."

2. Anticipated Bypass That Has The Potential to Violate Permit Limits or Conditions -- Bypass is authorized by an administrative order issued by Ecology. The Permittee shall apply to Ecology for the administrative order at least 30 days before the planned date of bypass. The written submission shall contain (1) a description of the bypass and its cause; (2) an analysis of all known alternatives which would eliminate, reduce, or mitigate the need for bypassing; (3) a cost-effectiveness analysis of alternatives including comparative resource damage assessment; (4) the minimum and maximum duration of bypass under each alternative; (5) a recommendation as to the preferred alternative for conducting the bypass; (6) the projected date of bypass initiation; (7) a statement of compliance with SEPA; (8) a request for a water quality modification, as provided for in WAC 173-201A-110, and (9) steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass.

For probable construction bypasses, the need to bypass is to be identified as early in the planning process as possible. The analysis required above shall be considered during preparation of the engineering report or facilities plan and plans and specifications and shall be included to the extent practical. In cases where the probable need to bypass is determined early, continued analysis is necessary up to and including the construction period in an effort to minimize or eliminate the bypass.

Ecology will consider the following prior to issuing an administrative order:

- a. If the bypass is necessary to perform construction or maintenance-related activities essential to meet the requirements of the permit.
- b. If there are feasible alternatives to bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, maintenance during normal periods of equipment down time, or transport of untreated wastes to another treatment facility.
- c. If the bypass is planned and scheduled to minimize adverse effects on the public and the environment.

After consideration of the above and the adverse effects of the proposed bypass and any other relevant factors, Ecology will approve or deny the request. The public shall be notified and given an opportunity to comment on bypass incidents

of significant duration, to the extent feasible. Approval of a request to bypass will be by administrative order issued by Ecology under RCW 90.48.120.

3. Bypass For Essential Maintenance Without the Potential to Cause Violation of Permit Limits or Conditions -- Bypass is authorized if it is for essential maintenance and does not have the potential to cause violations of limitations or other conditions of the permit, or adversely impact public health as determined by Ecology prior to the bypass.

G. Operations and Maintenance Manual

An Operations and Maintenance (O&M) Manual shall be prepared by the Permittee in accordance with WAC 173-240-080 and be submitted to Ecology for approval 90 days prior to completion of construction of the facility. The O&M Manual shall be reviewed by the Permittee at least annually and the Permittee shall confirm this review by letter to Ecology by **May 15, 2009**, and **annually** thereafter. Substantial changes or updates to the O&M Manual shall be submitted to Ecology whenever they are incorporated into the Manual.

The approved Operations and Maintenance Manual shall be kept available at the treatment plant and all operators shall follow the instructions and procedures of this Manual.

The O&M Manual shall include:

1. Plant performance, laboratory control, NPDES reporting, and records procedures;
2. Plant and equipment maintenance procedures;
3. The treatment plant process control and monitoring schedules;
4. Emergency procedures and alarm system for plant shutdown and cleanup in event of wastewater system upset or equipment failure;
5. Specific maintenance and operational procedures for the ultraviolet disinfection system.
6. Vegetation Monitoring Plan and Vegetation Contingency Plan requirements and operator training needs.

**S6. PRETREATMENT**

A. General Requirements

The Permittee shall work with Ecology to ensure that all commercial and industrial users of the publicly owned treatment works (POTW) are in compliance with the pretreatment regulations promulgated in 40 CFR Part 403 and any additional regulations that may be promulgated under Section 307(b) (pretreatment) and 308 (reporting) of the Federal Clean Water Act.

B. Wastewater Discharge Permit Required

The Permittee shall not allow significant industrial users (SIUs) to discharge wastewater to the Permittee's sewerage system until such user has received a wastewater discharge permit from Ecology in accordance with Chapter 90.48 RCW and Chapter 173-216 WAC, as amended.

**C. Identification and Reporting of Existing, New, and Proposed Industrial Users**

1. The Permittee shall take continuous, routine measures to identify all existing, new, and proposed SIUs and potential significant industrial users (PSIUs) discharging or proposing to discharge to the Permittee's sewerage system (see Appendix B of Fact Sheet for definitions).
2. Within 30 days of becoming aware of an unpermitted existing, new, or proposed industrial user who may be an SIU, the Permittee shall notify such user by registered mail that, if classified as an SIU, they shall be required to apply to Ecology and obtain a State Waste Discharge Permit. A copy of this notification letter shall also be sent to Ecology within this same 30-day period.
3. The Permittee shall also notify all PSIUs, as they are identified, that if their classification should change to an SIU, they shall be required to apply to Ecology for a State Waste Discharge Permit within 30 days of such change.

**D. Survey Requirements**

If required by Ecology, the Permittee shall submit the results of the Industrial Survey to Ecology identifying all existing and proposed SIUs and potential SIUs. The Permittee shall refer to Ecology guidance on the performance of IU surveys for additional details on performing this task. Minimum standards require the complete and accurate completion of "Form 3" contained in this guidance.

**E. Duty to Enforce Discharge Prohibitions**

1. In accordance with 40 CFR 403.5(a), the Permittee shall not authorize or knowingly allow the discharge of any pollutants into its POTW which cause pass through or interference, or which otherwise violates general or specific discharge prohibitions contained in 40 CFR Part 403.5 or WAC-173-216-060.
2. The Permittee shall not authorize or knowingly allow the introduction of any of the following into the POTW:
  - a. Pollutants which create a fire or explosion hazard in the POTW (including, but not limited to waste streams with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Centigrade using the test methods specified in 40 CFR 261.21).
  - b. Pollutants which will cause corrosive structural damage to the POTW, but in no case discharges with pH lower than 5.0, or greater than 11.0 standard units, unless the works are specifically designed to accommodate such discharges.
  - c. Solid or viscous pollutants in amounts that could cause obstruction to the flow in sewers or otherwise interfere with the operation of the POTW.
  - d. Any pollutant, including oxygen demanding pollutants, (BOD, etc.) released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the POTW.



- e. Petroleum oil, nonbiodegradable cutting oil, or products of mineral origin in amounts that will cause interference or pass through.
  - f. Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity which may cause acute worker health and safety problems.
  - g. Heat in amounts that will inhibit biological activity in the POTW resulting in interference but in no case heat in such quantities such that the temperature at the POTW headworks exceeds 40°C (104°F) unless Ecology, upon request of the Permittee, approves, in writing, alternate temperature limits.
  - h. Any trucked or hauled pollutants, except at discharge points designated by the Permittee.
  - i. Wastewaters prohibited to be discharged to the POTW by the Dangerous Waste Regulations (Chapter 173-303 WAC), unless authorized under the Domestic Sewage Exclusion (WAC 173-303-071).
3. All of the following are prohibited from discharge to the POTW unless approved in writing by Ecology under extraordinary circumstances (such as a lack of direct discharge alternatives due to combined sewer service or the need to augment sewage flows due to septic conditions):
- a. Noncontact cooling water in significant volumes.
  - b. Stormwater, and other direct inflow sources.
  - c. Wastewaters significantly affecting system hydraulic loading, which do not require treatment, or would not be afforded a significant degree of treatment by the system.
4. The Permittee shall notify Ecology if any industrial user violates the prohibitions listed in this section.

**S7. RESIDUAL SOLIDS****A. Residual Solids Handling**

Residual solids include screenings, grit, scum, primary sludge, waste activated sludge and other solid waste. The Permittee shall store and handle all residual solids in such a manner so as to prevent their entry into state ground or surface waters. The Permittee shall not discharge leachate from residual solids to state surface or ground waters.

**B. Residual Solids Management Plan**

Any proposed revision or modification of the Residual Solids Management Plan shall be submitted to Ecology for approval. The Permittee shall submit any update of the Residual Solids Management Plan 90 days prior to initiation of the proposed change. The Permittee shall comply with the plan and any modifications thereof.

**S9.     OUTFALL EVALUATION**

The Permittee shall inspect the submerged portion of the outfall line to document its integrity and continued function. If conditions allow for a photographic verification, it shall be included in the report. The inspection report shall be submitted to Ecology with the application for permit renewal by \_\_\_\_\_.

## **GENERAL CONDITIONS**

### **G1. SIGNATORY REQUIREMENTS**

All applications, reports, or information submitted to Ecology shall be signed and certified.

- A. All permit applications shall be signed by either a principal executive officer or a ranking elected official.
- B. All reports required by this permit and other information requested by Ecology shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
  - 1. The authorization is made in writing by a person described above and submitted to Ecology, and
  - 2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)
- C. Changes to authorization. If an authorization under paragraph B.2. above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of B.2. must be submitted to Ecology prior to or together with any reports, information, or applications to be signed by an authorized representative.
- D. Certification. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

### **G2. RIGHT OF ENTRY**

The Permittee shall allow an authorized representative of Ecology, upon the presentation of credentials and such other documents as may be required by law:

- A. To enter upon the premises where a discharge is located or where any records must be kept under the terms and conditions of this permit;
- B. To have access to and copy at reasonable times any records that must be kept under the terms of the permit;

- C. To inspect at reasonable times any monitoring equipment or method of monitoring required in the permit;
- D. To inspect at reasonable times any collection, treatment, pollution management, or discharge facilities; and
- E. To sample at reasonable times any discharge of pollutants.

**G3. PERMIT ACTIONS**

This permit shall be subject to modification, suspension, or termination, in whole or in part by Ecology for any of the following causes:

- A. Violation of any permit term or condition;
- B. Obtaining a permit by misrepresentation or failure to disclose all relevant facts;
- C. A material change in quantity or type of waste disposal;
- D. A material change in the condition of the waters of the state; or
- E. Nonpayment of fees assessed pursuant to RCW 90.48.465.

Ecology may also modify this permit, including the schedule of compliance or other conditions, if it determines good and valid cause exists, including promulgation or revisions of regulations or new information.

**G4. REPORTING A CAUSE FOR MODIFICATION**

The Permittee shall submit a new application, or a supplement to the previous application, along with required engineering plans and reports, whenever a material change in the quantity or type of discharge is anticipated which is not specifically authorized by this permit. This application shall be submitted at least 60 days prior to any proposed changes. Submission of this application does not relieve the Permittee of the duty to comply with the existing permit until it is modified or reissued.

**G5. PLAN REVIEW REQUIRED**

Prior to constructing or modifying any wastewater control facilities, an engineering report and detailed plans and specifications shall be submitted to Ecology for approval in accordance with Chapter 173-240 WAC. Engineering reports, plans, and specifications should be submitted at least 180 days prior to the planned start of construction. Facilities shall be constructed and operated in accordance with the approved plans.

**G6. COMPLIANCE WITH OTHER LAWS AND STATUTES**

Nothing in the permit shall be construed as excusing the Permittee from compliance with any applicable federal, state, or local statutes, ordinances, or regulations.

**G7. DUTY TO REAPPLY**

The Permittee must apply for permit renewal by \_\_\_\_\_.

**G8. REMOVED SUBSTANCES**

Collected screenings, grit, solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall not be resuspended or reintroduced to the final effluent stream for discharge to state waters.

**G9. TOXIC POLLUTANTS**

If any applicable toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Clean Water Act for a toxic pollutant and that standard or prohibition is more stringent than any limitation upon such pollutant in the permit, Ecology shall institute proceedings to modify or revoke and reissue the permit to conform to the new toxic effluent standard or prohibition.

**G10. OTHER REQUIREMENTS OF 40 CFR**

All other requirements of 40 CFR 122.41 and 122.42 are incorporated in this permit by reference.

**G11. ADDITIONAL MONITORING**

Ecology may establish specific monitoring requirements in addition to those contained in this permit by administrative order or permit modification.

**G12. PAYMENT OF FEES**

The Permittee shall submit payment of fees associated with this permit as assessed by Ecology. Ecology may revoke this permit if the permit fees established under Chapter 173-224 WAC are not paid.

**G13. PENALTIES FOR VIOLATING PERMIT CONDITIONS**

Any person who is found guilty of willfully violating the terms and conditions of this permit shall be deemed guilty of a crime, and upon conviction thereof shall be punished by a fine of up to ten thousand dollars and costs of prosecution, or by imprisonment in the discretion of the court. Each day upon which a willful violation occurs may be deemed a separate and additional violation.

Any person who violates the terms and conditions of a waste discharge permit shall incur, in addition to any other penalty as provided by law, a civil penalty in the amount of up to ten thousand dollars for every such violation. Each and every such violation shall be a separate and distinct offense, and in case of a continuing violation, every day's continuance shall be and be deemed to be a separate and distinct violation.